

ment of Augmented Satellite Launch Vehicle (ASLV) and the Polar Satellite Launch Vehicle (PSLV) is in progress;

(b) if so, the details thereof; and

(c) the time by which these are likely to be launched?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGRET ALVA): (a) Yes, Sir.

(b) and (c). *Augmented Satellite Launch Vehicle (ASLV)*: The Augmented Satellite Launch Vehicle (ASLV) is a five stage vehicle capable of placing 150 kg class Stretched Rohini Satellite Series (SROSS) payloads in low earth orbit. Preparations for the third ASLV developmental flight (ASLV-D3) are in advanced stage. The launch campaign will resume in December 1991 for the launch in the first half of 1992. ASLV-D3 is Primarily to evaluate the performance of the vehicle including the closed loop guidance system using the SROSS-C Bus with a Gamma Ray Burst Detector and Retarding Potential Analyses Payloads for conducting ionospheric experiments.

Polar Satellite Launch Vehicle (PSLV): Significant progress has been achieved in the development of Polar Satellites Launch Vehicle (PSLV) which is a four stage vehicle capable of launching 1000 kg class satellites into 900 km polar orbit. Most of the PSLV modules such as the first stage solid motor (the third largest in the world), liquid second stage, solid third stage and liquid fourth stage, the heat shield, electronic systems have been realised and successfully ground tested. Further qualification tests of the PSLV Systems are in progress. The various facilities for integration, check-out and launch are ready. The first developmental flight of PSLV is scheduled for launch during second half of 1992.

Publication of Books on Space Research

2270. SHRI C P MUDALA GIRIYAPPA: Will the PRIME MINISTER be pleased to state:

(a) Whether the Department of Space has published books for school and college students and others to apprise them of the achievements in Space Research;

(b) whether the Department of Space has requested NCERT and National Book Trust to publish books about the various developments in Space Research; and

(c) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) and (b). Yes, Sir.

(c) The Department of Space has been bringing out a number of technical and general publications to apprise of the achievements of the Indian Space programme. The technical publications are widely circulated to research and academic institutions all over the country. The general publications on the Indian Space Programme including booklets, posters, leaflets and do-it-yourself kits, are circulated among the general public on request and also during the exhibitions organised by the Department of Space in various parts of the country. The Department also brings out quarterly publications, "space Indian" which has a wide circulations among Universities, Academic institutions, R&D institutions and others. Department of Space also has a mobile exhibition on Space which is taken to many places in the country.

Department of Space in close cooperation with the University Grants Commission and Ministry of Human Resources Develop-

ment (Department of Education) has prepared a detailed curriculum on Remote Sensing for introduction at various academic levels. Department of Space has assisted national Council of Educational Research & Training (NCERT) to update curriculum related to future science at upper secondary school in the areas of space. So far over 20 book in Hindi, English and in other Indian Languages have been published on various aspects related to the space achievements in India.

Food Processing Units at Nasik and Nagpur

2271. DR. VASNAT NIWRUTTI PAWAR: Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

(a) whether there is any proposal for the setting up of food processing units in Nasik and Nagpur regions of Maharashtra;

(b) if so, the details thereof; and

(c) the steps being taken to encourage export of onions and fruits which are in abundance in Nasik/Nagpur regions of Maharashtra?

THE MINISTER OF STATE IN THE MINISTRY OF FOOD PROCESSING INDUSTRIES (SHRI GIRIDHAR GOMANGO): (a) and (b). In all 14 applications for manufacture of beer, malt spirit and potable alcohol from non-molasses sources in the districts of Nagpur and Nasik in Maharashtra have been received. Besides, a proposal seeking financial assistance for an integrated post harvest crop management project for grapes covering, inter alia, Nasik region has been received from the State Government.

(c) National Agriculture Marketing Federation (NAFED) which is the canalising agency for export of onions has adopted 10 villages in Maharashtra for improving cultivation and yield of onions.

It has also developed modern onion storages in the main onion growing areas of Maharashtra for export during off season, has set up an organisation for undertaking research on quality of onion and for extension work and taken steps for improvement in unit value realisation. The export of fruits are freely allowed. Agricultural and processed Foods Export Development Authority (APEDA) under the Ministry of Commerce provides assistance to exporters by providing international market information product promotion, market development, etc. The State Government's proposal of Post harvest Crop Management Project mentioned in reply to parts (a) & (b) above is also for promoting export of grapes.

Encroachments on Government Land

2272. DR. VASANT NIWRUTTI PAWAR: Will the Minister of URBAN DEVELOPMENT be pleased to state the action proposed to be taken against the persons who made encroachment on the Government lands and the pavement encroachers in metropolitan cities?

THE MINISTER OF STATE FOR URBAN DEVELOPMENT (SHRI M. ARUNACHALAM): The unauthorised encroachments on public lands is governed by the relevant provisions of building Byelaws of the respective municipal Bodies/Local Bodies in the States/Union Territories. It is, therefore, for the concerned Local Bodies to take action against such persons and pavement encroachers in the metropolitan cities.

[Translation]

Workers Above Poverty Line

2273. SHRI SURIYA NARAYAN YADAV: Will the PRIME MINISTER be pleased to state: